

Message Text

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TAGS: CCMS, ENRG, SENV

SUBJECT: CCMS: SUMMARIES OF US-LED PILOT

-- STUDIES

REF: NATO DOCUMENT AC/274-N/49

AS REQUESTED BY THE SECRETARIAT IN REF DOCUMENT THIS
TRANSMITS SUMMARIES OF THE SIX CCMS PILOT STUDIES FOR
WHICH THE US IS PILOT COUNTRY (SOLAR ENERGY, RATIONAL USE
OF ENERGY, GEOTHERMAL ENERGY, ADVANCED HEALTH CARE, AP/
LPPDS, AND URBAN TRANSPORTATION).

SOLAR ENERGY

PILOT: USA CO-PILOTS: DENMARK AND FRANCE

- -

-- THE LAST MEETING OF THIS STUDY WAS HELD AT PALO ALTO,
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CALIF, AUG 4-6, 1975, FOLLOWED BY VISITS OF SOME PARTICI-
PATING EXPERTS TO SOLAR SITES IN NEW MEXICO, COLORADO, AND
THE WASHINGTON (D.C.) AREA. EXPERTS AT THE PALO ALTO
MEETING PRESENTED REPORTS ON THEIR NATIONAL SOLAR PROGRAMS,

ALL OF WHICH HAD MADE MARKED PROGRESS SINCE THE FIRST SOLAR MEETING IN ODEILLO IN 1974. DENMARK, THE FRG, AND THE NETHERLANDS REPORTED ON THEIR "ZERO ENERGY HOUSE" PROJECTS, DATA FROM WHICH WILL BE AVAILABLE NEXT YEAR IN THE STANDARDIZED FORMAT DEVELOPED BY THE CCMS SOLAR FORMAT COMMITTEE. OVER TWENTY PROJECTS WILL BE REPORTED ON IN THIS FORMAT DURING THE NEXT YEAR. THE SOLAR M.O.U. ENTERED INTO EFFECT JULY 1 AND HAS BEEN SIGNED BY THE US, CANADA, GREECE, ISRAEL, AUSTRALIA, FRG, AND ITALY. BELGIUM, DENMARK, THE UK AND FRANCE HAVE INDICATED INTENT TO SIGN IN THE NEAR FUTURE. AT THE PALO ALTO MEETING, DELEGATES AGREED TO PROVIDE THE NAMES OF CONTACTS IN THEIR NATIONAL TECHNICAL INFORMATION CENTERS TO FACILITATE THE EXCHANGE OF INFORMATION UNDER THE M.O.U.

-- THE NEXT MEETING OF THE PILOT STUDY WILL PROBABLY BE HELD IN DENMARK IN SEPT 1976.

GEOTHERMAL ENERGY

PILOT: USA CO-PILOTS: ITALY AND TURKEY

THIS PILOT HAS 6 SUB-PROJECTS:

- 1. NON-ELECTRICAL USES
- 2. BRINE REINJECTION
- 3. SMALL POWER PLANTS
- 4. RESERVOIR ENGINEERING
- 5. DRY HOT ROCK
- 6. INFORMATION EXCHANGE

1. THE LAST MEETING OF THE NON-ELECTRICAL USES PROJECT WAS HELD IN PARIS IN JUNE, 1975. FRANCE AGREED TO ASSUME LEADERSHIP OF THE PROJECT, AND DR. PAUL SANGNIER OF THE DGRST HAS BEEN APPOINTED PROJECT LEADER. THE FRENCH ALSO AGREED TO INVESTIGATE THE ECONOMICS OF NON-ELECTRICAL APPLICATIONS AND REPORT ON THIS AT THE NEXT MEETING.
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THE UNITED STATES HAS COMPLETED THE STATUS REPORT ON NON-ELECTRICAL APPLICATIONS OF GEOTHERMAL RESOURCES, WHICH WILL BE PRINTED AND CIRCULATED IN THE NEAR FUTURE.

2. THE LAST MEETING OF THE BRINE REINJECTION PROJECT WAS HOSTED BY THE US AND NEW ZEALAND AT EL CENTRO, CALIFORNIA IN MAY, 1975. THE MEETING INCLUDED VISITS TO GEOTHERMAL SITES IN CALIFORNIA'S IMPERIAL VALLEY AND MEXICO'S CERRO PRIETO FIELDS.

3. THE LAST MEETING OF THE SMALL POWER PLANTS PROJECT WAS CO-SPONSORED BY THE US AND PORTUGAL IN BERKELEY, CALIFORNIA IN JUNE, 1975. PLANS WERE MADE FOR THE NEXT

MEETING, WHICH WILL BE HELD SEPT 8-11 IN THE AZORES. THE

MEETING WILL INCLUDE 2 DAYS OF VISITS TO GEOTHERMAL SITES IN WESTERN AND EASTERN SAO MIGUEL AND WILL FOCUS ON THE USE OF THE AZORES AS A MODEL FOR SMALL POWER PLANT DEVELOPMENT.

4. THE US AND ITALY WILL HOLD AN ORGANIZATIONAL MEETING IN PALO ALTO IN DECEMBER FOR A RESERVOIR ENGINEERING WORKSHOP TO BE HELD IN ROME IN EARLY 1976.

5. SENIOR SCIENTISTS FROM THE FRG AND FRANCE ARE PRESENTLY PARTICIPATING IN FIELD OPERATIONS AT THE LOS ALAMOS LABORATORY DRY HOT ROCK DEMONSTRATION SITE. ITALY AND THE UK HAVE INDICATED AN INTENTION TO PARTICIPATE IN THE NEAR FUTURE.

6. THE ITALIAN NATIONAL RESEARCH COUNCIL AND ERDA ARE FINALIZING ESTABLISHMENT OF INTERNATIONAL GEOTHERMAL INFORMATION COLLECTION CENTERS IN PISA AND BERKELEY (CALIF). IT IS EXPECTED THAT THE US WILL HAVE PRIMARY RESPONSIBILITY IN THE PACIFIC AREA AND THE AMERICAS AND ITALY IN AFRICA AND EUROPE.

RATIONAL USE OF ENERGY

PILOT: USA

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THE LAST MEETING OF THE ELECTRIC UTILITY LOAD MANAGEMENT PROJECT WAS HELD IN NOVEMBER, 1974. THE US HAS PREPARED THE STUDY REPORT, AND PARTICIPANTS WILL PREPARE RECOMMENDATIONS FOR A FINAL MEETING EXPECTED EARLY IN 1976.

THE LAST MEETING OF THE INTERNATIONAL INDUSTRIAL DATA BASE PROJECT WAS HELD IN LONDON (BRUNEL UNIV.) IN JUNE, 1975. THE MEETING FOCUSED ON CREATION OF A DATA BASE IN THE STEEL AND CEMENT INDUSTRIES AND ON THE METHODOLOGY OF ENERGY ACCOUNTING. THE US AGREED TO COORDINATE PREPARATION OF THE CEMENT STUDY GROUP'S FIRST REPORT TO THE FALL PLENARY. THE STEEL GROUP (ITALIAN LEAD) AGREED TO COMPLETE A QUESTIONNAIRE ON ONGOING AND POTENTIAL ENERGY CONSERVATION IN THAT INDUSTRY FOR THE NEXT CCMS MEETING. THE MAJOR TOPICS OF THAT MEETING WILL BE METHODS OF ANALYSIS OF ENERGY DATA REPORTS IN CEMENT, STEEL, PLASTICS, AND PETROCHEMICALS, AND IMPROVED ENERGY ACCOUNTING. THE GERMANS WILL HOLD THE NEXT MEETING IN BONN ON NOVEMBER 4-5, 1975.

THE MODULAR INTEGRATED UTILITY SYSTEMS PROJECT HELD

ITS FIRST MEETING IN BRUSSELS IN APRIL, 1975. THE US PRESENTED ITS GLOSSARY OF MIUS TERMINOLOGY FOR COMMENTS BY THE PARTICIPANTS. DELEGATES AGREED TO EXAMINE THE TRILINGUAL GLOSSARY (FRENCH, GERMAN, ENGLISH) AND TO SUBMIT THEIR COMMENTS IN WRITING PRIOR TO THE SECOND MIUS MEETING. THE SECOND MIUS MEETING WILL BE HELD IN LATE 1975. WORK IS UNDERWAY IN THE CLIMATIC CONDITIONS REFERENCE YEAR SYSTEM WHOSE LAST MEETING WAS IN COPENHAGEN IN JANUARY. A FINAL REPORT IS EXPECTED IN 1976.

ADVANCED HEALTH CARE

PILOT: USA LEAD COUNTRIES: CANADA, FRG, UK, ITALY, PORTUGAL

FINAL REPORTS AND RECOMMENDATIONS ON THE FOUR ADVANCED HEALTH CARE PROJECTS (ORGANIZED AMBULATORY HEALTH SERVICES (FRG), AUTOMATION OF CLINICAL LABORATORIES (UK), SYSTEMATIC ASSESSMENT OF HEALTH SERVICES (CANADA), AND UNCLASSIFIED

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EMERGENCY MEDICAL SERVICES (ITALY, PORTUGAL) ARE BEING PREPARED AND MAY BE READY FOR THE FALL PLENARY.

THE FINAL MEETING OF THE EMS PROJECT WAS HELD IN MUNICH IN MAY 1975. DELEGATES FROM 15 COUNTRIES AND THE INTERNATIONAL RED CROSS DRAFTED RECOMMENDATIONS FOR INCLUSION IN THE FINAL REPORT, AND AGREED TO COMPLETE A QUESTIONNAIRE ON NATIONAL EMS PROGRAMS FOR ANALYSIS AND DISTRIBUTION BY THE US. THE FIRST EMS FOLLOW-UP MEETING HAS BEEN SCHEDULED FOR WASHINGTON IN MAY 1976.

URBAN TRANSPORTATION

PILOT: USA LEAD COUNTRIES: BELGIUM, FRANCE, FRG, UK

1. URBAN GOODS MOVEMENT (PROJECT LEADER: FRANCE)

THE LAST MEETING WAS HELD IN PARIS IN MARCH, 1973. ART CIPATANG COUNTRIES (FRANCE, UK, US) HAVE APPROVED THE FINAL REPORT, AND IT SHOULD BE READY FOR SUBMISSION TO THE FALL PLENARY.

2. COLLECTION SYSTEMS EVALUATION (PROJECT LEADER: BELGIUM)

THE LAST MEETING OF THIS GROUP WAS HELD IN BRUSSELS IN JUNE, 1975. THE BELGIAN GOVERNMENT HAS ANALYZED THE

THE DATA COLLECTED IN ITS STUDY OF THE FEASIBILITY OF A DIAL-A-BUS SYSTEM FOR THE WATERLOO AREA. THE DRAFT FINAL REPORT IS COMPLETED IN FRENCH AND WILL BE AVAILABLE

ABLE IN ENGLISH BY EARLY SEPTEMBER.

3. SHORT DISTANCE TRANSPORT TECHNIQUES (PROJECT LEADER:
FRG) - - -

THE LAST MEETING OF THIS GROUP WAS HELD IN WETTER
(FRG) IN JUNE, 1975. DELEGATES REVIEWED CHAPTER ONE OF
THE DRAFT FINAL REPORT, AND AGREED TO REVIEW CHAPTER TWO
PRIOR TO THE NEXT MEETING, WHICH WILL BE HELD IN WASHING-
TON IN SEPTEMBER. THE FINAL REPORT SHOULD BE READY BY
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THE SPRING 1976 PLENARY.

4. LOW COST BUS PRIORITY SYSTEMS (PROJECT LEADER: UK)

THE LAST MEETING OF THIS GROUP WAS HELD IN WASHINGTON
IN MAY, 1975. THE UK IS PREPARING A DRAFT FINAL REPORT
WHICH WILL BE CIRCULATED FOR COMMENT IN LATE 1975 AND
SHOULD BE READY FOR PRESENTATION AT THE SPRING 1976
PLENARY.

5. URBAN TRANSPORTATION FORECASTING TECHNIQUE
(PROJECT LEADER: USA)

THE LAST PROJECT MEETING WAS HELD IN OCTOBER 1974.
THE US COMPLETED ANALYSIS OF THE DATA SUBMITTED BY PARTICI-
PATING COUNTRIES AND CIRCULATED THE DRAFT FINAL REPORT
FOR COMMENTS PRIOR TO THE SPRING PLENARY. COMMENTS HAVE
BEEN RECEIVED AND THE FINAL REPORT SHOULD BE READY FOR
SUBMISSION TO THE FALL PLENARY.

AP/LPPSD

PILOT: USA

IT WAS DECIDED AT THE SPRING PLENARY TO DESIGNATE
THE FORMER LPPSD PROJECT OF THE AIR POLLUTION PILOT
STUDY AS A NEW AP/LPPSD PILOT STUDY AND THE DUSSELDORF
MEETING PROCEEDINGS HAVE BEEN MAILED TO ALL PARTICIPANTS
BY THE FRG, AND THE NEXT MEETING WILL BE A 2 DAY MEETING
HELD IN ROME IN EARLY DECEMBER, 1975. A PRELIMINARY
MEETING WILL BE HELD IN EARLY OCTOBER TO FINALIZE THE
AGENDA FOR THE ROME MEETING. SWEDEN IS STUDYING THE
POSSIBILITY OF A PILOT STUDY ON NOISE, THE FRG OF A
STUDY ON EMISSION MEASURING STANDARDIZATION, ITALY ON THE

INTERFACE BETWEEN THE ROAD SAFETY VEHICLE AND AP/LPPSD
PROGRAMMES, AND THE US AN OVERLAY OF ALL PROGRAMMES
ASSOCIATED WITH AP/LPPSD TO AVOID DUPLICATION AND ASSIST
IN FUTURE NATIONAL PLANNING. REPORTS ON THE FEASIBILITY
OF THE ABOVE STUDIES WILL BE MADE AT THE ROME MEETING.

FULL DETAILS WILL BE ANNOUNCED BY ITALY AND THE PILOT
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COUNTRY AT THE FALL PLENARY.

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